

FORM PTO-1449 U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GP095-02.UT	SERIAL NO. 09/303,030
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT AMMANN et al.	09/825067
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP 1631 1743

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER	JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.		

FORM PTO-1449 U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GP095-02.UT	SERIAL NO. 097303,030
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Ammann e tal.	09/825067
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP 1631 1743

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE9405224	05/26/94	Germany			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER	JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED 9/03
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT AMMANN et al.	09/825067
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP 1632-1743

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED <i>9/03</i>
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Form 1449	U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET NO.	SERIAL NO.
		2599-104	09/303,030	
		APPLICANT	09/825067 Kelly G. AMMANN et al.	
		FILING DATE	GROUP	
		April 30, 1999	1631-1743	
Date: September 18, 2000				

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
19	AA	5,750,338	05/12/1998	Collins et al.	435	6	05/03/1994
	AB	6,033,880	03/07/2000	Haff et al.	435	91.1	02/23/1998
	AC	6,096,272	08/01/2000	Clark et al.	422	64	05/22/1998
	AD	6,110,678	08/29/2000	Weisburg et al.	435	6	05/01/1998
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AI							
	AJ							
	AK							
	AL							

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
JAN LUDLOW PRIMARY EXAMINER	9/03

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PM256656	SERIAL NO. <u>09/303,030</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT AMMANN et al.	<u>09/823067</u>
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP <u>1643 1743</u>

EXAMINER	JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED
		9/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT								APPLICANT AMMANN et al.	09/82506 COP
(USE SEVERAL SHEETS IF NECESSARY)								FILING DATE April 30, 1999	GROUP 1643 17

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME			CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>sy</i>		5 5 7 1 3 2 5				11/05/96	Ueyama et al.			→		
<i>sy</i>		5 8 2 6 1 2 9				10/20/98	Hasebe et al.			→		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PM256656	SERIAL NO. 097303,030
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT AMMANN et al.	09/825067
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP 1643 1743

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EXAMINER	JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED	9/03
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	AMMANN et al.	
	FILING DATE	GROUP
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	PM256656	09/303,030
	APPLICANT	09/825,067
	AMMANN et al.	GROUP 1643 1743
FILING DATE	April 30, 1999	

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EXAMINER JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED <i>9/03</i>
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FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Citations for New Divisional of
Serial No. 09/303,030
Attorney Docket: 2599-104-D2
Page 10 of 25

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: December 29, 1999

Page **1** of **1**

Atty. M#	
Dkt. No.	
256656	GP-095-02.UT
Applicant: AMMANN et al.	
Appln. No.: 09/303,030	09/825067
Filing Date: April 30, 1999	
Examiner: Unknown	Group Art Unit: 1643-1793

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AP	5,470,744	11/1995	Astle			
BR	5,389,339	02/1995	Petschek et al.			
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclos	No
OR	0 628 824A1	12/1994	EUROPE	Kuster						
PR	WO/93/03383	02/1993	PCT	Burkovich et al.						
QR	DE9405224	05/1994	DE	KODAK AG						
RR	0502638A2	09/19992	EUROPE	Carey et al.						
SR										
TR										
UR										
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OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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DDR			

Examiner **JAN LUDLOW**
PRIMARY EXAMINER Date Considered: **9/03**

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PM&S FORM PAT-1449)
 Patent and Trademark Office

Atty. #	M#	Citations for New Divisional of Serial No. 09/303,030 Attorney Docket: 2599-104-D2 Page 11 of 25	
Dkt. No.		256656	GP-095-02.UT

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: October 13, 1999

Page 1 of 1

Applicant: AMMANN et al.

Appln. No.: 09/303,030 → 09/825067

Filing Date: April 30, 1999

Examiner: Unknown Group Art Unit: 1643-1743

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
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FR						
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HR						
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FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclos	No
OR	WO 93/25912	12/1993	PCT	HAWKINS						
PR	0 171 140	02/1986	EUROPE	SUZUKI						
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OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner **JAN LUDLOW** Date Considered: **9/03**
PRIMARY EXAMINER

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INFORMATION DISCLOSURE STATEMENT

Date: June 11, 1999

Page 1 of 1

Atty. _____
Dkt. No. 256656

Applicant: AMMANN et al.

Appn. No.: 09/303,030

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U. S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	4,170,625	10/1979	Welch			
BR	4,895,650	01/1990	Wang			
CR	5,482,861	01/1996	Clark et al.			
DR						
ER						
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FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
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OR	0 136 126	04/1985	EP	Adams et al.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner	JAN LUDLOW	Date Considered:	9/03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT AMMANN et al.	09/825067
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE April 30, 1999	GROUP 1643 1743

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER JAN LUDLOW PRIMARY EXAMINER	DATE CONSIDERED 9/03
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PRIMARY EXAMINER
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INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 1 of 12

Atty. No. 256656

GP-095-02-UT

Applicant: AMMANN et al.

Appln. No.: New Application 09/825,067

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	Re. 31,108	12/1982	GINSBERG et al.			
BR	Re. 31,150	02/1983	GINSBERG et al.			
CR	749,104	01/1904	SCHOENEFELDT			
DR	1,010,016	11/1911	CAMPAU			
ER	3,504,376	03/1970	BENDNAR et al.			
FR	3,562,962	02/1971	OHNO			
GR	3,565,582	02/1971	YOUNG			
HR	3,644,095	02/1972	NETHELER et al.			
IR	3,676,076	07/1972	GRADY			
JR	3,754,444	08/1973	URE et al.			
KR	3,883,305	05/1975	HOSKINS et al.			
LR	3,985,649	10/1976	EDDELMAN			
MR	4,039,288	08/1977	MORAN			
NR	4,054,415	10/1977	SELIGSON et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
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* OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner

JAN LUDLOW

Date Considered: 9/03

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INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 2 of 12

Atty. # 256656
Dkt. No.

Applicant: AMMANN et al.

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	4,169,125	09/1979	RODRIQUEZ et al.			
	BR	4,234,539	11/1980	GINSBERG et al.			
	CR	4,235,840	11/1980	MENDOZA et al.			
	DR	4,268,477	05/1981	HERZSTARK			
	ER	4,276,051	06/1981	GINSBERG et al.			
	FR	4,298,571	11/1981	DIFULVIO et al.			
	GR	4,305,668	12/1981	BILBREY			
	HR	4,313,735	02/1982	YAMASHITA et al.			
	IR	4,315,891	02/1982	SAKURADA			
	JR	4,344,768	08/1982	PARKER et al.			
	KR	4,346,056	08/1982	SAKURADA			
	LR	4,366,119	12/1982	TAKEUCHI			
	MR	4,451,433	05/1984	YAMASHITA et al.			
	NR	4,459,265	07/1984	BERGLUND			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
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INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 3 of 12

Atty. _____ M# _____

Dkt. No. _____

256656

Applicant: AMMANN et al.

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999 1793

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	4,478,095	10/1984	BRADLEY et al.			
BR	4,479,720	10/1984	MOCHIDA et al.			
CR	4,483,823	11/1984	UMETSU et al.			
DR	4,483,927	11/1984	TAKEKAWA			
ER	4,497,774	02/1985	SCORDATO			
FR	4,501,164	02/1985	STOCKDALE et al.			
GR	4,528,159	07/1985	LISTON			
HR	4,595,562	06/1986	LISTON et al.			
IR	4,612,289	09/1986	FURUTA et al.			
JR	4,647,432	03/1987	WAKATAKE			
KR	4,678,752	07/1987	THORNE et al.			
LR	4,695,430	09/1987	COVILLE et al.			
MR	4,699,766	10/1987	YAMASHITA			
NR	4,731,225	03/1988	WAKATAKE			

FOREIGN PATENT DOCUMENTS

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Examiner

JAN LUDLOW

Date Considered:

9/03

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INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 4 of 12

Atty. M#
Dkt. No. 256656

Applicant: AMMANN et al.

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

1743

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	4,747,693	05/1988	KAHL			
BR	4,761,268	08/1988	ANDERSON et al.			
CR	4,764,342	08/1988	KELLN et al.			
DR	4,774,055	09/1988	WAKATAKE et al.			
ER	4,781,891	11/1988	GALLE et al.			
FR	4,834,944	05/1989	WAKATAKE			
GR	4,844,868	07/1989	ROKUGAWA			
HR	4,848,917	07/1989	BENIN et al.			
IR	4,855,110	08/1989	MARKER et al.			
JR	4,865,986	09/1989	COY et al.			
KR	4,883,644	11/1989	PERLMAN			
LR	4,908,186	03/1990	SAKAMAKI			
MR	4,908,320	03/1990	ZAKOWSKI et al.			
NR	4,919,887	04/1990	WAKATAKE			

FOREIGN PATENT DOCUMENTS

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Examiner

JAN LUDLOW

Date Considered:

07/03

*EXAMINER: Initial if citation is considered. Draw line through citation if not in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

U. S. Department of Commerce
 Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 5 of 12

Atty. M#
 Dkt. No. 256656

GP-095-02.UT

Applicant: AMMANN

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999

Examiner: Unknown Group Art Unit: Unknown 1743

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	4,961,906	10/1990	ANDERSON et al.			
BR	4,965,049	10/1990	LILLIG et al.			
CR	5,051,238	09/1991	UMETSU et al.			
DR	5,084,242	01/1992	SAKUMA et al.			
ER	5,104,231	04/1992	COLLIER et al.			
FR	5,104,621	04/1992	PFOST et al.			
GR	5,104,807	04/1992	MITSUMAKI et al.			
HR	5,104,808	04/1992	LASKA et al.			
IR	5,122,343	06/1992	ISHIZAKA et al.			
JR	5,128,103	07/1992	WANG et al.			
KR	5,139,743	08/1992	ISHIZAKA et al.			
LR	5,141,871	08/1992	KURESHY et al.			
MR	5,147,610	09/1992	WATANABE et al.			
NR	5,154,889	10/1992	MURAISHI			

FOREIGN PATENT DOCUMENTS

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Examiner

JAN LUDLOW

Date Considered:

9/03

PRIMARY EXAMINER

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449		To: U. S. Department of Commerce Patent and Trademark Office		Atty. _____ M# _____	Dkt. No. 256656	GP-095-02.UT
INFORMATION DISCLOSURE STATEMENT				Applicant: AMMANN	Appln. No. New Application 09/1825067	
Date: April 30, 1999		Page 6 of 12	Filing Date: April 30, 1999		Examiner: Unknown Group Art Unit: Unknown	

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	5,167,448	12/1992	HEROLD et al.			
	BR	5,183,638	02/1993	WAKATAKE			
	CR	5,186,827	02/1993	LIBERTI et al.			
	DR	5,192,505	03/1993	SAKAGAMI			
	ER	5,192,506	03/1993	KURESHY et al.			
	FR	5,207,987	05/1993	KURESHY et al.			
	GR	5,215,714	06/1993	OKADA et al.			
	HR	5,240,678	08/1993	LITSCHE			
	IR	5,240,679	08/1993	STETTLER			
	JR	5,246,665	09/1993	TYRANSKI et al.			
	KR	5,260,028	11/1993	ASTLE			
	LR	5,270,210	12/1993	WEYRAUCH et al.			
	MR	5,277,871	01/1994	FUJII et al.			
	NR	5,294,404	03/1994	GRANDONE et al.			

FOREIGN PATENT DOCUMENTS

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Examiner	JAN LUDLOW PRIMARY EXAMINER	Date Considered: 9/03
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

FORM PTO-1449			U. S. Department of Commerce		Atty. _____	M# _____	
			Patent and Trademark Office		Dkt. No. 256656		GP-095-02.UT
INFORMATION DISCLOSURE STATEMENT					Applicant: AMMANN et al.		
Date: April 30, 1999			Page 7 of 12		Appln. No.: New Application 09/825 067		
					Filing Date: April 30, 1999 1793		
					Examiner: Unknown	Group Art Unit: Unknown	

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	5,314,663	05/1994	MIMURA			
BR	5,314,825	05/1994	WEYRAUCH et al.			
CR	5,316,726	05/1994	BABSON et al.			
DR	5,318,914	06/1994	MATTE et al.			
ER	5,320,809	06/1994	DUNN et al.			
FR	5,320,966	06/1994	MITSUMAKI et al.			
GR	5,324,481	06/1994	DUNN et al.			
HR	5,332,549	07/1994	MACINDOE, JR.			
IR	5,358,691	10/1994	CLARK et al.			
JR	5,360,741	11/1994	HUNNELL			
KR	5,380,666	01/1995	WUERSCHUM			
LR	5,384,094	01/1995	SCHACHER			
MR	5,415,839	05/1995	ZAUN et al.			
NR	5,415,840	05/1995	SANO et al.			

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Examiner	JAN LUDLOW	Date Considered: 9/03
*EXAMINER: Initial if citation considered and whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 8 of 12

Atty. [Signature] M
Dkt. No. 256656

Applicant: AMMANN et al.

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999 1743

Examiner: Unknown Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	5,419,871	05/1995	MUSZAK et al.			
BR	5,424,212	06/1995	PINSL-OBER et al.			
CR	5,434,083	07/1995	MITSUMAKI et al.			
DR	5,439,646	08/1995	TANIMIZU et al.			
ER	5,445,794	08/1995	WIHLBORG			
FR	5,451,528	09/1995	RAYMOURE et al.			
GR	5,466,574	11/1995	LIBERTI et al.			
HR	5,482,839	01/1996	ASHIHARA et al.			
IR	5,525,300	06/1996	DANSSAERT et al.			
JR	5,536,475	07/1996	MOUBAYED et al.			
KR	5,558,839	09/1996	MATTE et al.			
LR	5,567,595	10/1996	KOK			
MR	5,571,481	11/1996	POWELL et al.			
NR	5,575,976	11/1996	CHOPERENA et al.			

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Examiner

JAN LUDLOW

Date Considered: 9/03

*EXAMINER: Initial if citation considered whether or not citation is in conformance with MPEP '609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

U. S. Department of Commerce
 Patent and Trademark Office

Atty.

Dkt. No.

256656

GP-095-02.U1

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 9 of 12

Applicant: AMMANN et al.

Appln. No.: New Application 09/825067

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

1743

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	5,576,215	11/1996	BURNS et al.			
BR	5,578,269	11/1996	YAREMKO et al.			
CR	5,580,524	12/1996	FORREST et al.			
DR	5,585,068	12/1996	PANETZ et al.			
ER	5,587,129	12/1996	KUROSAKI et al.			
FR	5,595,707	01/1997	COPELAND et al.			
GR	5,599,501	02/1997	CAREY et al.			
HR	5,605,665	02/1997	CLARK et al.			
IR	5,610,069	03/1997	CLARK et al.			
JR	5,620,898	04/1997	YAREMKO et al.			
KR	5,635,364	06/1997	CLARK et al.			
LR	5,637,275	06/1997	CAREY et al.			
MR	5,639,425	06/1997	KOMIYAMA et al.			
NR	5,646,049	07/1997	TAYI			

FOREIGN PATENT DOCUMENTS

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Examiner

JAN LUDLOW

Date Considered:

9/10/97

*EXAMINER: Initial if citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449				U. S. Department of Commerce		Atty. _____ M# _____	
				Patent and Trademark Office		Dkt. No. 256656	GP-095-02.UT
INFORMATION DISCLOSURE STATEMENT						Applicant: AMMANN	
						Appln. No.: New Application 09/825 067	
						Filing Date: April 30, 1999	
						Examiner: Unknown	
						Group Art Unit: Unknown	

Date: April 30, 1999 Page 10 of 12

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	5,653,940	08/1997	CAREY et al.			
	BR	5,658,799	08/1997	CHOPERENA et al.			
	CR	5,670,114	09/1997	SAKAZUME et al.			
	DR	5,670,120	09/1997	DEGENHARDT et al.			
	ER	5,677,188	10/1997	MITSUMAKI et al.			
	FR	5,679,309	10/1997	BELL			
	GR	5,681,530	10/1997	KUSTER et al.			
	HR	5,693,292	12/1997	CHOPERENA et al.			
	IR	5,698,450	12/1997	RINGROSE et al.			
	JR	5,702,950	12/1997	TAJIMA			
	KR	5,705,062	01/1998	KNOBEL			
	LR	5,720,923	02/1998	HAFF et al.			
	MR	5,730,938	03/1998	CARBONARI et al.			
	NR	5,730,939	03/1998	KURUMADA et al.			

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Examiner	JAN LUDLOW	Date Considered:	9/23
PRIMARY EXAMINER			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449.

To: U.S. Department of Commerce
 Patent and Trademark Office

Atty.

Dkt. No.

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256656

GP-095-02.UT

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 11 of 12

Applicant: AMMANN et al.

Appln. No.: New Application 09/925067

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	5,736,105	04/1998	ASTLE			
BR	5,738,827	04/1998	MARQUISS			
CR	5,741,461	04/1998	TAKAHASHI et al.			
DR	5,746,977	05/1998	IMAI et al.			
ER	5,762,872	06/1998	BUHLER et al.			
FR	5,762,873	06/1998	FANNING et al.			
GR	5,773,662	06/1998	IMAI et al.			
HR	5,779,981	07/1998	DANSSAERT et al.			
IR	5,786,182	07/1998	CATANZARITI et al.			
JR	5,789,252	08/1998	FUJITA et al.			
KR	5,795,547	08/1998	MOSER et al.			
LR	5,807,523	09/1998	WATTS et al.			
MR	5,814,277	09/1998	BELL et al.			
NR	5,827,478	10/1998	CAREY et al.			

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Examiner

JAN LUDLOW

Date Considered:

9/03

PRIMARY EXAMINER

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FORM PTO-1449

U. S. Department of Commerce
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INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 12 of 12

Atty. [REDACTED] M
 Dkt. No. 256656

Applicant: AMMANN et al.

Appln. No.: New Application 09/1825067

Filing Date: April 30, 1999 1743

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	5,827,479	10/1998	YAMAZAKI et al.			
BR	5,843,376	12/1998	ISHIHARA et al.			
CR	5,846,491	12/1998	CHOPERENA et al.			
DR	5,849,247	12/1998	UZAN et al.			
ER	5,855,847	01/1999	OONUMA et al.			
FR	5,863,506	01/1999	FARREN			
GR	5,876,668	03/1999	KAWASHIMA et al.			
HR	5,882,596	03/1999	BREESER et al.			
IR	5,882,918	03/1999	GOFFE			
JR	5,885,353	03/1999	STRODTBECK et al.			
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PR	4-359154	12/1992	JAPAN	USHIKUBO			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
QR	5-10957	01/1993	JAPAN	MORI			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RR	62-44663	02/1987	JAPAN	SAGUSA			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SR	62-863	01/1987	JAPAN	WAKATAKE			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TR	63-3265	01/1988	JAPAN	MINEKANE			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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VR	0 513 618	11/1992	EUROPE	ZABETAKIS et al.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WR	41 28 698	03/1993	GERMANY	STROHMEIER et al.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR			
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Examiner

JAN LUDLOW

Date Considered:

9/03

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Sheet	1	of	1		

Examiner Signature	JAN LUDLOW	Date Considered	9/03
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